

Form PTO-1449
(REV. 2-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

UCSF-0008

07/933,471

Y.R: UC 92-070-1

09/392,682

APPLICANT: Gruenert, D., et al.

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

FILING DATE Aug. 21, 1992 GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 16
- A Orban, P.C., et al., "Tissue- and Site-Specific DNA Recombination in Transgenic Mice", P.N.A.S., USA 89:6861-6865 (1992).
 - B Rosenfeld, M.A., et al., "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium", Cell 68:143-155 (1992).
 - C Capecchi, M.R., "Altering the Genome by Homologous Recombination", Science 244:1288-1292 (1989).
 - D Boggs, S.S., "Targeted Gene Modification for Gene Therapy of Stem Cells", International J. of Cell Cloning 8:80-96 (1990).
 - E Thomas, K.M. and Capecchi, M.R., "Targeted Disruption of the Murine int-1 Proto-Oncogene Resulting in Severe Abnormalities in Midbrain and Cerebellar Development", Nature, 346:847-850 (1990).
 - F Koller, B.H., "Inactivating the β_2 -Microglobulin Locus in Mouse Embryonic Stem Cells by Homologous Recombination", P.N.A.S. USA 86:8932-8935 (1989).
 - G Mansour, S.L., et al., "Disruption of the Proto-Oncogene int-2 in Mouse Embryo-Derived Stem Cells: a General Strategy for Targeting Mutations to Non-Selectable Genes", Nature 336:348-352 (1988).
 - H Accili, D. and Taylor, S.I., "Targeted Inactivation of the Insulin Receptor Gene in Mouse 3T3-L1 Fibroblasts Via Homologous Recombination", P.N.A.S. USA 88:4708-4712 (1991).
 - I Thompson, S., et al., "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321 (1989).
 - J Koller, B.H., et al., "Germ-Line Transmission of a Planned Alteration Made in a Hypoxanthine Phosphoribosyltransferase Gene by Homologous Recombination in Embryonic Stem Cells", P.N.A.S. USA 86:8927-8931 (1989).

EXAMINER

DATE CONSIDERED

J. KETTER

3/5/07

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- K Adair, G.A., et al., "Targeted Homologous Recombination at the Endogenous Adenine Phosphoribosyltransferase Locus in Chinese Hamster Cells", P.N.A.S USA 86:4574-4578 (1989).
- L Kucherlapati, R.S., et al., "Homologous Recombination Catalyzed by Human Cell Extracts", Mol. and Cell. Biol. Vol. 5 4:714-720 (1985).
- M Campbell, C.R., et al., "Homologous Recombination Involving Small Single-Stranded Oligonucleotide in Human Cells", The New Biologist Vol 1 2:223-227 (1989).
- N Lin, F., et al., "Model for Homologous Recombination During Transfer of DNA into Mouse L Cells: Role for DNA Ends in the Recombination Process", Mol. and Cell. Biol. Vol 4 6:1020-1034 (1984).
- O Moser, H.E. and Dervan, P.B., "Sequence-Specific Cleavage of Double Helical DNA by Triple Helix Formation", Science 238: 645-650 (1987).
- P Ferrin, L.J. and Camerini-Otero, R.D., "Selective Cleavage of Human DNA: RecA-Assisted restriction Endonuclease (RARE) Cleavage, Science 254:1494-1497 (1991).
- Q West, S.C., "Enzymes and Molecular Mechanisms of Genetic Recombination", Annu. Rev. Biochem. 61:603-640 (1992).
- R Hsieh, P. and Camerini-Otero, R.D., "Formation of Joint DNA Molecules by Two Eukaryotic Strand Exchange Proteins Does Not Require Melting of a DNA Duplex", The J. of Biol. Chem. Vol. 264 9:5089-5097 (1989).
- S Hsieh, P., et al., "Pairing of Homologous DNA Sequences by Proteins: Evidence for Three-Stranded DNA", Genes & Development pp. 1951-1963 (1990).
- T Rao, B.J., et al., "Stable Three-Stranded DNA Made by RecA Protein", P.N.A.S. USA 88:2984-2988 (1991).

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J. NOTTER

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